

Yan Leng

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,514
citations

430874

18
h-index

395702

33
g-index

38
all docs

38
docs citations

38
times ranked

2021
citing authors

#	ARTICLE	IF	CITATIONS
1	NLRP3 Inflammasome Activation-Mediated Pyroptosis Aggravates Myocardial Ischemia/Reperfusion Injury in Diabetic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.	4.0	254
2	Ferroptosis Is Involved in Diabetes Myocardial Ischemia/Reperfusion Injury Through Endoplasmic Reticulum Stress. <i>DNA and Cell Biology</i> , 2020, 39, 210-225.	1.9	236
3	Lipopolysaccharide (LPS) Aggravates High Glucose- and Hypoxia/Reoxygenation-Induced Injury through Activating ROS-Dependent NLRP3 Inflammasome-Mediated Pyroptosis in H9C2 Cardiomyocytes. <i>Journal of Diabetes Research</i> , 2019, 2019, 1-12.	2.3	216
4	Tubastatin A, an HDAC6 inhibitor, alleviates stroke-induced brain infarction and functional deficits: potential roles of β -tubulin acetylation and FGF-21 up-regulation. <i>Scientific Reports</i> , 2016, 6, 19626.	3.3	84
5	Inhibition of HDAC6 Activity Alleviates Myocardial Ischemia/Reperfusion Injury in Diabetic Rats: Potential Role of Peroxiredoxin 1 Acetylation and Redox Regulation. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-15.	4.0	67
6	Activation of NRF2/FPN1 pathway attenuates myocardial ischemia-reperfusion injury in diabetic rats by regulating iron homeostasis and ferroptosis. <i>Cell Stress and Chaperones</i> , 2022, 27, 149-164.	2.9	62
7	The Effects of Choline on Hepatic Lipid Metabolism, Mitochondrial Function and Antioxidative Status in Human Hepatic C3A Cells Exposed to Excessive Energy Substrates. <i>Nutrients</i> , 2014, 6, 2552-2571.	4.1	53
8	Inhibition of DNMT-1 alleviates ferroptosis through NCOA4 mediated ferritinophagy during diabetes myocardial ischemia/reperfusion injury. <i>Cell Death Discovery</i> , 2021, 7, 267.	4.7	53
9	Thioredoxin-Interacting Protein Mediates NLRP3 Inflammasome Activation Involved in the Susceptibility to Ischemic Acute Kidney Injury in Diabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-17.	4.0	48
10	(α)-Epigallocatechin-3-gallate attenuates myocardial injury induced by ischemia/reperfusion in diabetic rats and in H9c2 cells under hyperglycemic conditions. <i>International Journal of Molecular Medicine</i> , 2017, 40, 389-399.	4.0	46
11	Meta-analysis of coagulation parameters associated with disease severity and poor prognosis of COVID-19. <i>International Journal of Infectious Diseases</i> , 2020, 100, 441-448.	3.3	37
12	Transcription factors Nrf2 and NF- κ B contribute to inflammation and apoptosis induced by intestinal ischemia-reperfusion in mice. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1731-1740.	4.0	34
13	Ischemic post-conditioning attenuates acute lung injury induced by intestinal ischemia-reperfusion in mice: role of Nrf2. <i>Laboratory Investigation</i> , 2016, 96, 1087-1104.	3.7	30
14	Ischemic Postconditioning Alleviates Intestinal Ischemia-Reperfusion Injury by Enhancing Autophagy and Suppressing Oxidative Stress through the Akt/GSK-3 β /Nrf2 Pathway in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	4.0	29
15	DJ-1 overexpression restores ischaemic post-conditioning-mediated cardioprotection in diabetic rats: role of autophagy. <i>Clinical Science</i> , 2017, 131, 1161-1178.	4.3	27
16	Suppression of Excessive Histone Deacetylases Activity in Diabetic Hearts Attenuates Myocardial Ischemia/Reperfusion Injury via Mitochondria Apoptosis Pathway. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-15.	2.3	25
17	Histone Deacetylase Inhibitor MS-275 Alleviates Postoperative Cognitive Dysfunction in Rats by Inhibiting Hippocampal Neuroinflammation. <i>Neuroscience</i> , 2019, 417, 70-80.	2.3	24
18	Safety and efficacy of etomidate and propofol anesthesia in elderly patients undergoing gastroscopy: A double-blind randomized clinical study. <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 1515-1524.	1.8	22

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19	Lessons learned from early compassionate use of convalescent plasma on critically ill patients with COVID-19. <i>Transfusion</i> , 2020, 60, 2210-2216.	1.6	22
20	Protective effects of SOCS3 overexpression in high glucose-induced lung epithelial cell injury through the JAK2/STAT3 pathway. <i>Molecular Medicine Reports</i> , 2017, 16, 2668-2674.	2.4	21
21	The mitochondria-targeted antioxidant MitoQ ameliorates myocardial ischemia-reperfusion injury by enhancing PINK1/Parkin-mediated mitophagy in type 2 diabetic rats. <i>Cell Stress and Chaperones</i> , 2022, 27, 353-367.	2.9	19
22	Patients With Lung Cancer Have High Susceptibility of COVID-19: A Retrospective Study in Wuhan, China. <i>Cancer Control</i> , 2020, 27, 107327482096046.	1.8	17
23	Penehyclidine hydrochloride inhibits TLR4 signaling and inflammation, and attenuates blunt chest trauma and hemorrhagic shock-induced acute lung injury in rats. <i>Molecular Medicine Reports</i> , 2018, 17, 6327-6336.	2.4	15
24	Minimized glycemic fluctuation decreases the risk of severe illness and death in patients with COVID-19. <i>Journal of Medical Virology</i> , 2021, 93, 4060-4062.	5.0	12
25	AMPK activation restores ischemic post-conditioning cardioprotection in STZ-induced type 1 diabetic rats: Role of autophagy. <i>Molecular Medicine Reports</i> , 2017, 16, 3648-3656.	2.4	11
26	Role of adiponectin in diabetes myocardial ischemia-reperfusion injury and ischemic postconditioning. <i>Acta Cirurgica Brasileira</i> , 2020, 35, e202000107.	0.7	9
27	COVID-19 infection, a potential threat to surgical patients and staff? A retrospective cohort study. <i>International Journal of Surgery</i> , 2020, 82, 172-178.	2.7	8
28	The role of histone deacetylase inhibitors in regulation of Akt/GSK-3 β signaling pathway in mice following transient focal cerebral ischemia. <i>Acta Cirurgica Brasileira</i> , 2017, 32, 862-872.	0.7	7
29	Mechanism of N-acetylcysteine in alleviating diabetic myocardial ischemia reperfusion injury by regulating PTEN/Akt pathway through promoting DJ-1. <i>Bioscience Reports</i> , 2020, 40, .	2.4	7
30	Sulforaphane attenuates acute lung injury by inhibiting oxidative stress via Nrf2/HO-1 pathway in a rat sepsis model. <i>International Journal of Clinical and Experimental Pathology</i> , 2017, 10, 9021-9028.	0.5	7
31	The Pathogenesis and Treatment of COVID-19: A System Review. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 50-60.	0.2	4
32	MiR-24-3p Attenuates Doxorubicin-induced Cardiotoxicity via the Nrf2 Pathway in Mice. <i>Current Medical Science</i> , 2022, 42, 48-55.	1.8	4
33	Ropivacaine-loaded, hydroxypropyl chitin thermo-sensitive hydrogel combined with hyaluronan: an injectable, sustained-release system for providing long-lasting local anesthesia in rats. <i>Regional Anesthesia and Pain Medicine</i> , 2022, 47, 234-241.	2.3	4